Peak District National Park

Forecast valid from 00:00 on Saturday 16 Apr 2022 until 23:59 on Sunday 17 Apr 2022

Forecast Issued on Friday 15 Apr 2022 at 15:17

Confidence: High for generally settled conditions for much of the weekend. Uncertainty surrounding extent of low cloud or fog and the timing of any rain on Sunday night and Monday.

Headline for Saturday 16 Apr 2022: Fog and low cloud clearing to leave a bright day with long spells of hazy sunshine.

Mountain weather hazards on Saturday 16 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
		MIST					
Clear night	Clear night	Mist	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	10%	10%	<05%

Forecast for Saturday 16 Apr 2022

Weather: A fairly murky start, with potentially extensive valley fog and low cloud across the park. Low cloud lifting and breaking to leave a bright day. Sunshine turning hazy as a veil of high cloud thickens from the west during the afternoon.

Chance of cloud-free hill tops above 600m: 40% from the early hours, improving to 90% by mid-morning.

Low cloud and visibility: Potentially extensive fog or low cloud giving very poor visibility, particularly on lower and west facing slopes. Low cloud and fog banks lifting and dispersing through the morning. Any mist or haziness clearing to leave generally good visibility, with distant landmarks visible by the afternoon.

Forecast for Saturday 16 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/16 SE	13/17 S	15/20 S	14/21 S	16/23 S	14/22 S	13/20 S	18/26 SE	17/25 S
300	7/10 SE	8/14 SE	11/17 SE	12/17 S	14/21 S	12/20 S	10/18 SE	13/23 SE	12/22 SE
Valley	4/9 SE	5/11 SE	5/12 SE	8/15 S	10/20 S	10/20 S	7/17 SE	10/22 SE	9/20 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	11/8	10/7	11/8	13/10	14/11	13/11	11/7	9/5
300	12/11	12/10	11/9	12/10	16/13	17/14	16/14	13/10	10/7
Valley	11/10	11/10	10/9	14/12	17/15	18/16	16/15	14/12	11/9
Freezing Level*	2000m	1900m	2000m	2000m	2000m	2100m	2100m	2100m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Layers recommended for the transition from cooler conditions in any morning fog or low cloud to a bright and warm afternoon. Moderate UV levels likely during daytime despite higher cloud at times, sun protection is advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 15 Apr 2022	0mm	0mm	0mm

Forecast for Sunday 17 Apr 2022

Weather: Widely warm and dry, with sunshine turning increasingly hazy. Cloud thickening and lowering from the west later. Early morning mist and fog patches likely, however these expected to be less extensive than on Saturday morning.

Maximum wind: South or southeasterly 15-20mph, gusting 30-40mph on summits.

Chance of cloud-free hill tops above 600m: 90%, although 70% initially as cloud lifts and clears from the valleys and lower slopes.

Low cloud and visibility: Isolated patches of fog and cloud, mainly on lower slopes, giving very poor visibility initially. Otherwise good visibility.

Temperature: **Valleys:** Plus 7 Celsius rising to Plus 16 Celsius.
At 600m: Plus 6 Celsius rising to Plus 14 Celsius.
Freezing level: Well above summits.